

Work Order ID 73801-3

Thursday, September 15, 2011 12:33:16 PM

Page 1

Item ID: D3439-101

Accept

Revision ID:

Item Name: Mirror Assembly 8"

Start Date: 9/15/2011 Start Qty: 40.00

Required Date: 9/23/2011 Req'd Qty: 40.00

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

D3439

Rev B

100

0.00



Purchasing

PURCHASING

Memo

0.00

Purchasing

Issue P/O: 14900  
For Grote Mirror P/N: 12183  
Possible Supplier: UAP/NAPA  
Material release note is required

110

Receive & Inspect for Damage & Mat'l Certs

0.00



Packaging

Memo

0.00

Packaging

Ensure Material Release Note is attached

115

QC6- Inspect dimensions to drawing

0.00



QC

Memo

0.00

Quality Control



Setup Start



Stop



Cust Item ID:

Customer:

Run Start



Stop



11/19/11  
CLO

10/4/11 (40)

10/11/11  
(40)

10/11/11

# Work Order ID 73801

Thursday, September 15, 2011 12:33:16 PM



Page 2

Item ID: D3439-101

Accept



Setup Start



Revision ID:

Stop



Item Name: Mirror Assembly 8"

Start Date: 9/15/2011 Start Qty: 40.00



Cust Item ID:

Required Date: 9/23/2011 Req'd Qty: 40.00



Customer:

Reference:

Run Start



Approvals: Process Plan:

Date:

Tooling:

Date:

Stop



QC:

Date:

SPC (Y/N):

Date:

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

120



Small Fab

Small Fab

0.00

Memo

0.00

1- Discard Hardware.  
2- Drill and Tap mirror as per Dwg using DT9670 , then install stud as per dwg.  
3- Plug drain holes with Sikaflex.  
Ensure that mirror adheres to housing.  
Pick:  
Qty Part Number Description Batch  
A/RN/A Sikaflex-241/291 1119508  
Sikaflex expiry date 12/09/13

*Handwritten signature and date: 9/20/09 (23)*

130



QC

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

Memo

0.00

*Handwritten note: 5 12/01/09*

*Handwritten note: counter (+23)*

# Work Order ID 73801

Thursday, September 15, 2011 12:33:16 PM

Item ID: D3439-101

Revision ID:

Item Name: Mirror Assembly 8"

Start Date: 9/15/2011 Start Qty: 40.00

Required Date: 9/23/2011 Req'd Qty: 40.00

Reference:

Approvals:

Process Plan:

QC:



Cust Item ID: Customer:

Accept



Setup Start



Stop



Run Start



Stop

Sequence ID/  
Work Center ID



Package/  
Package

Memo

0.00

Operation Description Set Up/Run Hours

Identify as per dwg & Stock Location

0.00

QC21 - Final Inspection - Work Order Release

0.00

Memo

0.00



QC

Quantity Control



12/1/01  
mt  
12-01-09

mt  
(23)

Tool ID Tool # Plan Code Accept Qty Reject Qty Insp. Number Stamp

# Artist Print

Thursday, September 15, 2011 12:33:13 PM

Page 1

Work Order ID: 73801

Parent Item: D3439-101

Parent Item Name: Mirror Assembly 8"





Start Date: 9/15/2011

Required Date: 9/23/2011

Start Qty: 40.00

Required Qty: 40.00

Comments: IPP A/ 05.07.20 New issue: KJ/JLM  
per dwg RevB DD ver:cc IPP Rev:B 10.09.08

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
12183  GROU MIRROR		Purchased	No			120	Each	0.0000	1	40			
D3015-3  Locknut		Manufactured	No			120	Each	148.0000	1	40			

## Location

ST030  
66114  
67536

## Loc Qty

148  
100  
48

## Loc Code

B 74900

D3439-1  Stud		Manufactured	No			120	Each	0.0000	1	40			
NAST1-P9C056-1R  Washer		Purchased	No			120	Each	379.0000	1	40			

## Location

ST297  
116391  
117460

## Loc Qty

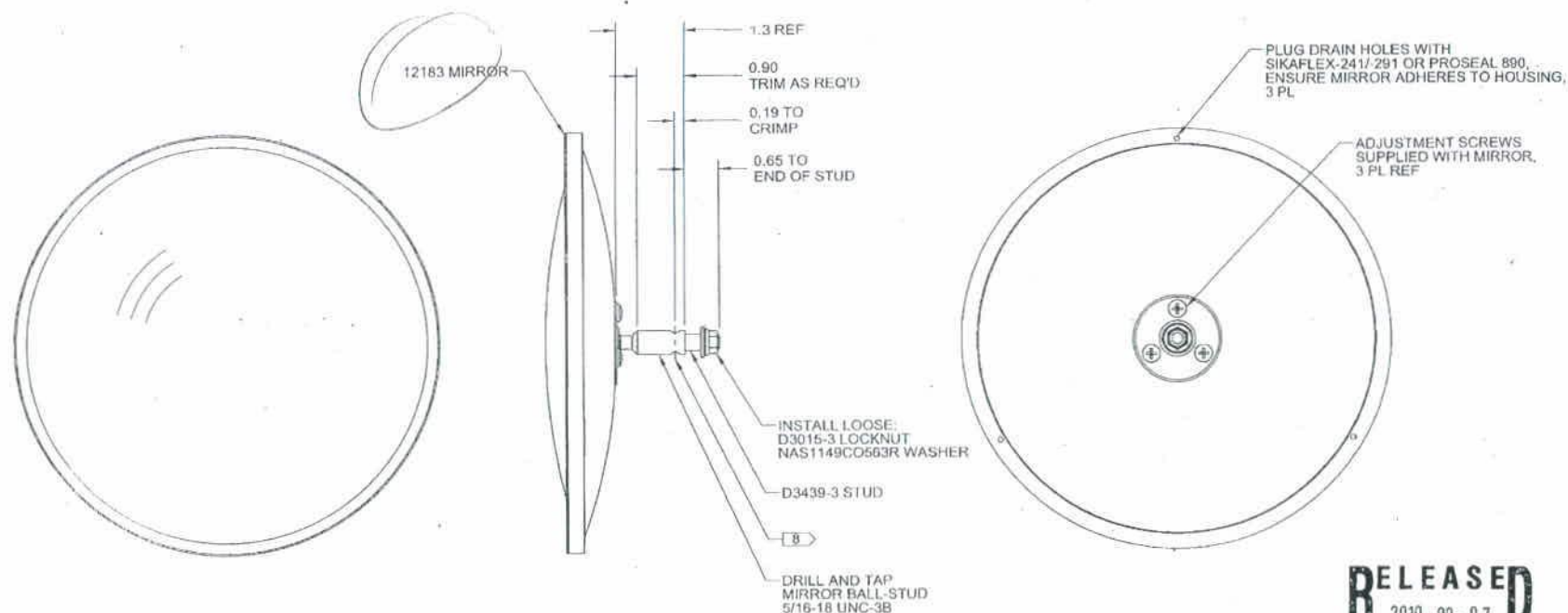
379  
191  
188

## Loc Code

12/9/11 (14)  
E 12/01/09  
B 74905  
25  
E 12/01/09  
E 12/01/09  
25



ITEM	QTY -101	P/N	DESCRIPTION
1	X	D3439-101	MIRROR ASSEMBLY, 8"
2	1	12183	MIRROR 8" (GROTE)
3	1	D3015-3	LOCKNUT
4	1	D3439-3	STUD
5	1	NAS1149CO563R	WASHER (OR AN960JD516)



**D3439-101 MIRROR ASSEMBLY**

**NOTES:**

- 1) MATERIAL: MIRROR: 8" ROUND CONVEX MIRROR W/ STAINLESS STEEL CASE  
CENTER-MOUNT BALL-STUD W/ 1/4-20 X 1" DEEP FEMALE THREAD  
GROTE INDUSTRIES, 2600 LANIER DRIVE, MADISON, INDIANA 47250
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3439-101" USING REMOVEABLE TAG
- 7) WEIGHT: 1.18 lbs
- 8) TO INSTALL D3439-3 STUD:
  - APPLY LOCKTITE 262 TO THREADS BEING INSTALLED INTO MIRROR BALL-STUD
  - THREAD D3439-3 STUD INTO MIRROR BALL-STUD
  - CRIMP MIRROR BALL-STUD ON OPPOSING SIDES, 0.19 FROM END AS ILLUSTRATED USING TOOL DT8317
  - CRIMP TO DPTH OF 0.015-0.030 USING R0.125

*W/C 73301*

**RELEASED**  
2010-09-07  
ANN

B	REDRAW, ADD-3 (WAS PURCHASED/TRIMMED BOLT), RMV LPS	CP	10.07.20
A	NEW ISSUE	CP	05.05.27
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.07.20		

<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. <b>D3439</b>	REV. B
TITLE <b>MIRROR ASSEMBLY</b>	SHEET 1 OF 2
SCALE NTS	

COPYRIGHT © 2010 BY DART AEROSPACE LTD  
THIS DOCUMENT IS PROPRIETARY AND IS TO BE KEPT UNDER THE STRICTEST CONFIDENTIALITY  
IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM DART AEROSPACE LTD.

Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

\*\*\*PO REPRINT\*\*\*

Purchase Order ID PO14900

Purchase Order Date 9/15/2011

PO Print Date 9/15/2011

Page Number 1 of 1

Order From :

VC-AUT001

AUTO PARTS EXTRA  
1000 RUE LANSDOWNE  
HAWKESBURY, ON K6A 1H7  
CA

Contact Name  
Vendor Phone 613 632 1191  
Vendor Fax 613 632 2350  
Vendor Account Nbr

Buyer Brigitte Golden  
Requisition Nbr  
Tax Resale Nbr 10127-2607  
Terms Net 30  
Currency CAD  
FOB Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	12183	GROTE MIRROR	9/19/2011 Yes	40.00 Each	Yours ppd	\$21.4900	\$859.60

Special Inst: As per DWG: D3439 Rev: B  
B73801

PO Total: \$859.60

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr: 2

Change Date: 9/15/2011



**AUTO PARTS • PIÈCES D'AUTO  
TRUCK PARTS • PIÈCES DE CAMION  
PERFORMANCE PARTS • PIÈCES DE PERFORMANCE  
TIRES • PNEUS**



WWW.PERSONALTOPARTS.COM

Past due accounts bear 2% interest per month (24% per annum). If this account is closed with a 30 day collection, an administrative cost of \$25.00 will be added. All exchanges and returns must be accompanied by this invoice. Electrical parts not refundable. All parts returned are subject to 20% handling charge. All merchandise sold on this invoice remains the vendor's property until this invoice is paid in full.  
TERMS: Payment due 30 days; please follow terms.

Les comptes en retard sont assés de 2% d'intérêt par mois (24% par année) sur collection. Une charge administrative de \$25.00 sera ajoutée si le compte est fermé avec un délai de 30 jours. Toutes les échanges et retours doivent être accompagnés de cette facture. Les pièces électriques ne sont pas remboursables. Toutes les pièces retournées sont soumises à une charge de manutention de 20%. Toute la marchandise vendue sur cette facture reste la propriété du vendeur tant qu'elle n'est pas entièrement payée. Pièces et accessoires non remboursables.  
TERMS: Compte payable le 10 du mois suivant.

TVQ: 1016330716 TQ0001 — HST / TPS: 10035 3366 RT0001

SIGNATURE

1000 RUE LANDSDOWNE HAWKESBURY, ON K6A 1H7  
TEL: (513) 632-1191 FAX: (613) 632-2350

Thank  
You

Merci

WE THANK YOU FOR YOUR BUSINESS

113336 (613)632-5200		113336		DATE: 9/19/11 13:03 11MLMLP			
SOMERSET AEROSPACE LTD. 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7		SHIP TO: *** SAME ***		14900			
ORD / COM	SHIP / EXP	CODE	PART No / PIÈCES	DESCRIPTION	LIST / CHACUN	COST / COÛTANT	EXTENSION
40	40	088	12183	8" CONVEX - STAINL 80V GRO	39.42	21.49	859.60
	40		direct grote 1817298	PIECES/CORE TOT 242			
			SHIP VIA				
INVOICE No / FACTURE	TYPE / SORTE	TOTAL	DISC / ESC	FRT / TRANS	HST / TPS	TVQ	AMT TO PAY / A PAYER
11106110	INVOICE	859.60	0.00	0.00	111.75	0.00	971.35

8/11/2/21